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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Toru UCHIDA et al.**

Group Art Unit: **2815**

Serial Number: **09/873,264**

Examiner: **Bradley W. Baumeister**

Filed: **June 5, 2001**

PTO Confirmation No.: **6047**

For: **SEMICONDUCTOR PHOTODETECTION DEVICE AND FABRICATION  
PROCESS THEREOF**

Attorney Docket No.: **010726**

Customer No.: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(e)(1)**

**Mail Stop Amendments**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

May 17, 2004

Sir:

The attention of the U.S. Patent and Trademark Office is hereby directed to the documents listed on the attached PTO Form 1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after the issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry in the national stage for the above-captioned application, but prior to the issuance of either a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application.

The undersigned hereby certifies that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the

U.S. Patent Application Serial No.: 09/873,264  
Attorney Docket No.: 010726

filing of the information disclosure statement and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references cited in the attached Form PTO form 1449 is made of record therein and appear on the first page of any patent to issue therefrom.

The Commission is authorized to charge Deposit Account No. 50-2866 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

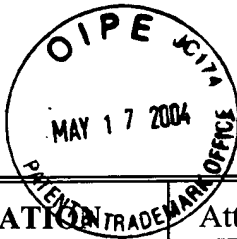
Respectfully submitted,

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Attachments: PTO Form 1449 and 11 references  
MNL/rer



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 010726	Serial No. 09/873,264
	Applicant(s): Toru UCHIDA et al.	
	Filing Date: June 5, 2001	Group Art Unit: 2815

### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	4,607,272	Osborn	8/19/86	357	30	10/6/83

### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
	AB	60-95981	May 29, 1985	Japan	Corresponds to USP 4,607,272
	AC	03-139886	June 14, 1991	Japan	Abstract
	AD	04-042983	Feb. 13, 1992	Japan	Abstract
	AE	04-212129	Aug. 3, 1992	Japan	Abstract
	AF	04-229823	Aug. 19, 1992	Japan	Abstract
	AG	06-140624	May 20, 1994	Japan	Abstract
	AH	06-188449	July 8, 1994	Japan	Abstract
	AI	06-296037	Oct. 21, 1994	Japan	Abstract

### OTHER DOCUMENTS

_____	AJ	Office Action dated April 13, 2004 from Japanese Patent Office for JP2000-301489		
_____	AK	"High-speed photodetectors on InGaAs/GaAs-on-GaAs superlattices" M. Zirngibl and M. Ilegems; J. Appl. Phys. 69 (12), June 15, 1991		
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